

CHAN CHIN XUAN

Teluk Intan, Perak

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SUMMARY

A motivated Third Year Computational Science student with hands-on experience in programming languages, Python, SQL, JavaScript, Java and C++. I am highly eager to learn and grow in real-world environment while actively contributing to the development of meaningful and impactful software solutions.

EDUCATION

Bachelor in Computer Science (Computational Science) with Honours

University Malaysia Sarawak (UNIMAS)

CGPA: 3.80

- Received Dean's List Award for consecutive 3 semesters.

Kota Samarahan, Sarawak

Oct 2023 – Aug 2027 (Expected)

Sijil Tinggi Persekolahan Malaysia (STPM)

SMJK San Min

CGPA: 3.09

MUET band: 4.5

Teluk Intan, Perak

July 2021 – April 2023

PROJECTS

AI Chatbot:

Oct 2025 – Nov 2025

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Flood Prediction Machine Learning Model

March 2025 – July 2025

- Built and designed a reliable model to predict and compare the performance of five algorithms (Random Forest, Logistic Regression, Decision Tree, KNN, SVC) for Bangladesh.
- Validated the model stability by implementing nested cross-validation (outer cv=5, inner cv=2) and Grid Search hyperparameter tuning.
- Increased the final accuracy by 10% through the hyperparameter tuning and grid search for the Random Forest model which shows an improvement over the baseline performance.
- GitHub link: <https://github.com/ChinFromMY/Flood-Prediction-Machine-Learning-Model>

Interactive Learning Quiz Application

April 2025 – June 2025

- Developed a learning quiz application using Java.
- Worked closely with the team to complete the project.
- GitHub link:

SKILLS & LANGUAGES

Programming Languages: Python, JavaScript, Java, R, C, C++

Frontend: HTML5, CSS

Databases & backend: MySQL, Supabase

Framework & Libraries: React, Node.js

Version Control: Git, GitHub

Languages: English, Malay, Mandarin

CERTIFICATIONS & ACHIEVEMENTS

Introduction to Cybersecurity | Cisco Networking Academy

- Completed the foundational cybersecurity training.

Gemini Certified University Student | Google for Education

- Certified in using the generative AI responsibly and ethically.

Dean's List Award (UNIMAS)

- Awarded for three consecutive semesters (Sem 2 2023/2024, Sem 1 & 2 2024/2025) for achieving a GPA result of more than 3.50.

REFERENCES

Pn Siti Zainab binti Mohd Hamzah
Internship coordinator

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